

JN0-420^{Q&As}

Automation and DevOps, Specialist (JNCIS-DevOps)

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QUESTION 1

Click the Exhibit button.

Exhibit:

Ansible playbook:

```
- - -  
- name: Get facts  
hosts: r0  
connection: local  
gather_facts: no  
roles:  
  - Juniper.junos  
tasks:  
  - name: Execute junos_get_facts console  
    Junos_get_facts:  
    host: "{{inventory_hostname}}"  
    user: "root"  
    console: "--telnet=console_server, 555"  
    logfile: ""  
    savedir: "./facts"
```

The r0 device is currently in a factory-default state. The console connection of r0 is reachable using Telnet on TCP port 555 of the console_server host.

Referring to the exhibit, which statement is true?

- A. The device does not require configuration changes for the playbook to run successfully
- B. The Telnet service must be configured for the playbook to run successfully
- C. A password for the root user must be configured for the playbook to run successfully
- D. The NETCONF service must be configured for the playbook to run successfully

Correct Answer: D

Reference: http://docs.ansible.com/ansible/latest/junos_facts_module.html

QUESTION 2

You are writing a SLAX op script to provide a customized rendition of the show interface output. You want to include a command-line argument named interface and provide it with the default value of fxp0. Which code snippet accomplishes this goal?

- A. default \$interface = "fxp0";
- B. argument \$interface = "fxp0";
- C. param \$interface = "fxp0";
- D. \$interface = "fxp0";

Correct Answer: C

Reference: "This Week Applying Junos Automation" By Curtis Call pages 32-33

QUESTION 3

Click the Exhibit button. Exhibit:

```
>>> response = dev.rpc.get_system_users_information(normalize=True)
>>> print etree.tostring(response, pretty_print=True)
<system-users-information>
  <uptime-information>
    <date-time seconds="1504327069">11:09AM</date-time>
    <up-time seconds="611640">7 days, 1:54</up-time>
    <active-user-count format="3 users">3</active-user-count>
    <load-average-1>0.41</load-average-1>
    <load-average-5>0.38</load-average-5>
    <load-average-15>0.40</load-average-15>
    <user-table>
      <user-entry>
        <user>user</user>
        <tty>pts/0</tty>
        <from>172.29.110.83</from>
        <login-time seconds="1504327069">9:10AM</login-time>
        <idle-time seconds="900">15</idle-time>
        <command>-cli (cli)</command>
      </user-entry>
      <user-entry>
        <user>user</user>
        <tty>pts/1</tty>
        <from>172.29.110.83</from>
        <login-time seconds="1504270697">10:51AM</login-time>
        <idle-time seconds="1020">17</idle-time>
        <command>-cli (cli)</command>
      </user-entry>
      <user-entry>
        <user>user</user>
        <tty>pts/2</tty>
        <from>172.29.110.83</from>

        <login-time seconds="1504029166">10:52AM</login-time>
        <idle-time seconds="1020">17</idle-time>
        <command>-cli (cli)</command>
      </user-entry>
    </user-table>
  </uptime-information>
</system-users-information>
```

Referring to the exhibit, which Python statement selects the element for the user logged in on the pts/2 TTY?

A. `response.find("./uptime-information/user-table/user-entry/tty=\\pts/2\\")`

B. `response.find("./uptime-information/user-table/[tty=\\'pts/2\\']/user-entry")`

C. `response.find("../user-entry/[tty=\\'pts/2\\']")`

D. `response.find("./uptime-information/user-table/user-entry@tty=\\'pts/2\\'")`

Correct Answer: B

QUESTION 4

Click the Exhibit button. Exhibit:

```
import sys
from jnpr.junos import Device
from jnpr.junos.exception import ConnectError

dev = Device(host='router1.example.net')
try:
    dev.open()
except ConnectError as err:
    print ("Cannot connect to device: {}".format (err))
    sys.exit(1)

print (dev.facts)
dev.close()
```

What will executing the program shown in the exhibit retrieve from a Junos device?

- A. the previous configuration changes of the device
- B. the current memory utilization
- C. the FPC inventory of the device
- D. the current software version on the device

Correct Answer: D

QUESTION 5

Click the Exhibit button. Exhibit:

Python Script:

```
1 from jnpr.junos import Device
2 from jnpr.junos.utils.config import Config
3 from jnpr.junos.exception import *
4 from jinja2 import Template
5 import yaml
6 import sys
7
8
9     with open ('vMX-1.yml','r') as fh:
10         data = yaml.load (fh.read())
11
12     with open ('test.j2','r') as t_fh:
13         t_format = t_fh.read()
14
15     template = Template (t_format)
16
17     myConfig = template.render (data)
```

vMX-1.yml file:

```
- - -
intf1:
  name: 'ge-0/0/0'
  unit: 0
  family: inet
  address: 172.17.1.1
  cidr: 24
  bfd_intvl: 500
intf2:
  name: 'ge-0/0/1'
  unit: 0
  family: inet
  address: 172.17.3.1
```

```
    cidr:24
    bfd_intvl: 500
intf3:
  name: '1o0'
  unit: 0
  family: inet
  address: 192.168.1.1
  cidr: 32
```

```
AS: 65000
area: 0.0.0.0
```

test.j2 file:

```
interfaces {
  {{intf1.name}} {
    unit {{intf1.unit}} {
      family {{intf1.family}} {
        address {{intf1.address}} / {{intf1.cidr}};
      }
    }
  }
  {{intf2.name}} {
    unit {{intf2.unit}} {
      family {{intf2.family}} {
        address {{intf2.address}} / {{intf2.cidr}};
      }
    }
  }
  {{intf3.name}} {
    unit {{intf3.unit}} {
      family {{intf3.family}} {
        address {{intf3.address}} / {{intf3.cidr}};
      }
    }
  }
}
```

```
    }
  }
}
routing options {
  static {
    route 0.0.0.0/0 next-hop 172.25.11.254;
  }
  autonomous-system {{AS}};
}
protocols {
  ospf {
    area {{area}} {
      interface fxp0.0 {
        disable;
      }
      interface {{intf1.name}}. {{intf1.unit}} {
        bfd-liveness-detection {
          minimum-interval {{intf1.bfd_intvl}};
        }
      }
      interface {{intf2.name}}. {{intf2.unit}} {
        bfd-liveness-detection {
          minimum-interval {{intf2.bfd_intvl}};
        }
      }
      interface {{intf3.name}}. {{intf3.unit}};
    }
  }
}
```

Referring to the exhibit, what is the type of the myConfig variable on line 17 of the Python script?

- A. template
- B. dictionary
- C. string
- D. list

Correct Answer: A

Reference: https://www.juniper.net/documentation/en_US/cso3.1/topics/task/operational/cd-configtemplate-working-config-designing.html

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